1. Write a code fragment to create an array named `bunchOfM` of 5 `char` values and to set them all to the character ‘M’.
   a) Using an initializer list
   ```java
   char[] bunchOfM = {'M', 'M', 'M', 'M', 'M'};
   ```
   b) Using a for-loop
   ```java
   char[] bunchOfM = new char[5];
   for (int i=0; i < bunchOfM.length; i++)
       bunchOfM[i] = 'M';
   ```

2. Write a code fragment to print the contents of `bunchOfM`
   ```java
   for (char c: bunchOfM)
       System.out.println(c);
   ```

3. Write a method `addTen` with one parameter, an array of `int`, that adds 10 to each element of the array. The method should not return anything.
   ```java
   public void addTen(int[] a)
   {
       for (int j = 0; j < a.length; j++)
           a[j] += 10;
   }
   ```

4. Trace through the following code and show what gets printed.
   ```java
   int[] a = {100, 200, 300, 400};
   int[] b = {1000, 2000, 3000, 4000};
   int[] c = a;
   for (int i=0; i<a.length; i++)
       a[i] = b[i];
   a[1] = 0;
   b[2] = 1;
   c[3] = 2;
   for (int x: a)
       System.out.print(x + " ");
   System.out.println();
   for (int x: b)
       System.out.print(x + " ");
   System.out.println();
   for (int x: c)
       System.out.print(x + " ");
   System.out.println();
   ```

   Output:
   ```
   1000 0 3000 2
   1000 2000 1 4000
   1000 0 3000 2
   ```
1. Trace through the following code and show what gets printed.

```java
int[] a = {100, 200, 300, 400};
int[] b = {1000, 2000, 3000, 4000};
int[] c = b;

for (int i=0; i<a.length; i++)
    b[i] = a[i];

a[1] = 4;
b[2] = 5;
c[3] = 6;

for (int x: a)
    System.out.print(x + " ");
System.out.println();

for (int x: b)
    System.out.print(x + " ");
System.out.println();

for (int x: c)
    System.out.print(x + " ");
System.out.println();
```

**Output:**

```
100 4 300 400
100 200 5 6
100 200 5 6
```

2. Write a code fragment to create an array named `itsAllTrue` of 4 values of type `boolean` and to set them all to the value `true`.

   **a) using an initializer list**
   ```java
   boolean[] itsAllTrue = {true, true, true, true};
   ```

   **b) Using a for-loop**
   ```java
   boolean[] itsAllTrue = new boolean [4];
   for (int i=0; i < itsAllTrue.length; i++)
       itsAllTrue [i] = true;
   ```

3. Write a code fragment to print the contents of `itsAllTrue`.
   ```java
   for (boolean x: itsAllTrue)
       System.out.println(x);
   ```

4. Write a method `addThree` with one parameter, an array of `int`, that adds 3 to each element of the array. The method should not return anything.

   ```java
   public void addThree(int[] a)
   {
       for (int j = 0; j < a.length; j++)
           a[j] += 3;
   }
   ```